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Application No. 10/650,459  
Amendment Dated October 2, 2006  
Reply to Office Action Dated May 30, 2006

**AMENDMENTS TO THE SPECIFICATION:**

Please replace paragraph [0007] with the following amended paragraph [0007]:

[0007] The document ~~EP 1 067 22~~ EP 1 067 222 A1 describes a method of fabricating a graded index plastics material optical fiber in which the refractive index varies continuously between the center and the periphery.

Please replace paragraph [0023] with the following amended paragraph [0023]:

[0023] drawing the preform to obtain a graded index plastics material optical fiber, in which ~~method~~ the production of the preform comprises a step with substantially no flow of the compositions along the system.